

550,476

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
7 October 2004 (07.10.2004)

PCT

(10) International Publication Number
WO 2004/085727 A2

- (51) International Patent Classification⁷: **D04H**
- (21) International Application Number:
PCT/EP2004/050359
- (22) International Filing Date: 24 March 2004 (24.03.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
0306769.1 25 March 2003 (25.03.2003) GB
- (71) Applicant (for all designated States except US): **VOITH
FABRICS PATENT GMBH** [DE/DE]; St. Pöltener
Strasse 43, 89522 Heidenheim (DE).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **CROOK, Robert
L.** [US/US]; 4614 Pinehurst Road, Wilson, North Carolina
27896 (US). **PATEL, Sanjay** [US/US]; 116 Westminster,
Summerville, South Carolina 29485 (US). **ALDRICH,
William Daniel** [US/US]; 5245 Quaker Road, Wilson,
North Carolina 27893 (US). **LIDAR, Per Ola** [SE/SE];
Hästhagsvägen 8, S-64010 HRgsjR (SE).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

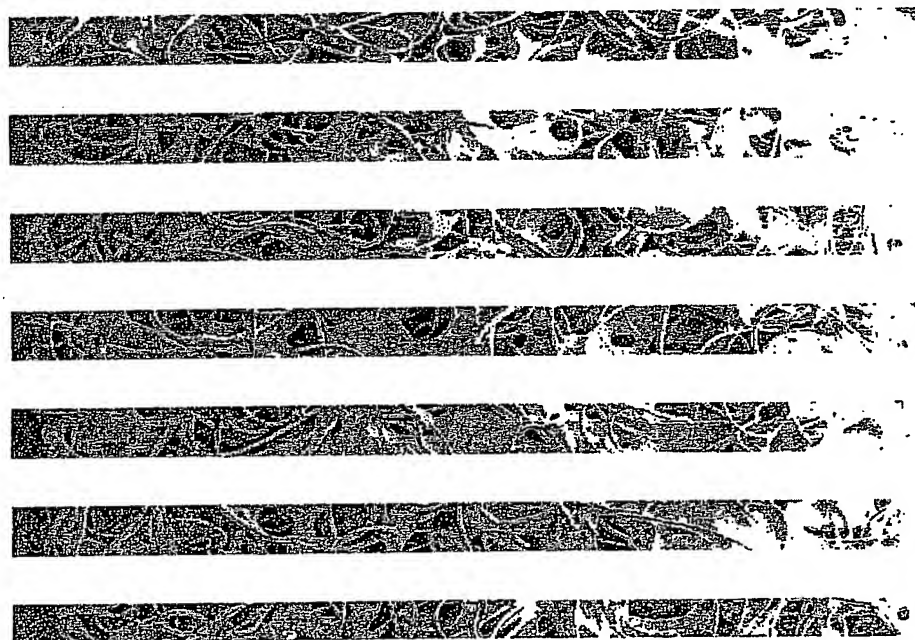
(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), Euro-
pean (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR,
GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK,
TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW,
ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished
upon receipt of that report

[Continued on next page]

(54) Title: COMPOSITE PRESS FELT



(57) Abstract: There is provided an industrial fabric comprising a layer of batt of fibres optionally needled to a base cloth, whereby during manufacture of the fabric a dispersion of particulate, polymeric material has been applied to the layer of batt of fibres and thermally activated to provide a discontinuous layer containing a mixture of batt fibres and a polymer - batt fibre matrix.

WO 2004/085727 A2



For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.